

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------|------------------|---------|------------------|
| L1    | 33     | ((yutaka near matsuoka) or (yoshiaki near ueno) or (Masanori near Kano)).in.                      | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:17 |
| L2    | 5484   | inorganic with (layered or lamella or lamellar)   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:17 |
| L3    | 2      | 1 and 2   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:17 |
| L4    | 374    | (inorganic with (layered or lamella or lamellar)).ab.   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:18 |
| L5    | 50124  | barrier.ab.   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:19 |
| L6    | 20     | 4 and 5   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:19 |
| L7    | 88435  | (ethylene adj ((vinyl adj acetate) or vinylacetate)) or ethylenevinylacetate or eva               | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:20 |
| L8    | 8      | 6 and 7   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:20 |
| L9    | 3      | ("4209551"   "5100934"   "5188867").PN.   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2009/06/04 09:22 |
| L10   | 434424 | barrier   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:23 |
| L11   | 121    | 4 and 10  | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:23 |
| L12   | 19     | 7 and 11  | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:23 |
| L13   | 3501   | inorganic with (layered or lamella or lamellar) with (filler or particle or compound or material) | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:29 |
| L14   | 128211 | coating.ab.   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:29 |
| L15   | 361    | 13 and 14   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:29 |
| L16   | 60     | 7 and 15  | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:29 |
| L17   | 385    | (inorganic with (layered or lamella or lamellar or exfoliated)).ab.                               | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:33 |
| L18   | 57     | 14 and 17   | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:33 |
| L19   | 113746 | (ethylene with ((vinyl adj acetate) or vinylacetate)) or ethylenevinylacetate or eva              | US-PGPUB; USPAT        | OR               | ON      | 2009/06/04 09:33 |

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| L20 | 20     | 18 and 19   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:33 |
| L21 | 1639   | (inorganic with (layered or lamella or lamellar or exfoliated)) with (mica or clay or talc)             | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:35 |
| L22 | 515    | 19 and 21   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:35 |
| L23 | 217    | 10 and 22   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:35 |
| L24 | 968010 | coatings  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:44 |
| L25 | 194    | 23 and 24   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:44 |
| L26 | 15422  | (ethylene adj ((vinyl adj alcohol) or vinylalcohol)) or ethylenevinylalcohol or evoh                    | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:46 |
| L27 | 151    | 21 and 26 and 24  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:46 |
| L28 | 136    | 23 not 27   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:46 |
| L29 | 1301   | ((ethylene adj ((vinyl adj alcohol) or vinylalcohol)) or ethylenevinylalcohol or evoh) with (saponif\$) | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:48 |
| L30 | 22     | 21 and 29   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:48 |
| L31 | 1      | (inorganic with (platelet or flake)).ab. with barrier.ab.   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:50 |
| L32 | 634    | (inorganic with (layered or lamella or lamellar or exfoliated)) with (dispers\$4)                       | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:51 |
| L33 | 237    | 10 and 32   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:51 |
| L34 | 6214   | (high adj pressure) with (dispers\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:52 |
| L35 | 359    | (high adj pressure) with (dispers\$4) with mpa  | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:53 |
| L36 | 228    | ((high adj pressure) with (dispers\$4)).ab.   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:53 |
| L37 | 47173  | (inorganic with (mica or clay or talc))   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:55 |
| L38 | 166    | 35 and 37   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:55 |
| L39 | 93435  | (inorganic with (particle or filler))   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:56 |
| L40 | 159    | 35 and 39   | US-PGPUB;<br>USPAT | OR | ON | 2009/06/04<br>09:56 |

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| L41 | 458    | ((high adj pressure) with (dispers\$4 or homogeniz\$) with mpa                       | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 09:59 |
| L42 | 89945  | ((mica or clay or talc) with (particle or filler))                                   | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:00 |
| L43 | 57     | 41 and 42  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:00 |
| L44 | 308    | ((high adj pressure) with (dispers\$4 or homogeniz\$)). ab.                          | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:01 |
| L45 | 57     | 42 and 43  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:02 |
| L46 | 23     | 42 and 44  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:02 |
| L47 | 10054  | ((high adj pressure) with (dispers\$4 or homogeniz\$))                               | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:05 |
| L48 | 1039   | ((high adj pressure) with (dispers\$4 or homogeniz\$)) with (mpa or psi or kpsi)     | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:05 |
| L49 | 9804   | (inorganic with (layered or lamella or lamellar or exfoliated or platelet or flake)) | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:05 |
| L50 | 5      | 48 and 49  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:05 |
| L51 | 293013 | (mica or clay or talc)   | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:06 |
| L52 | 166    | 38 and 51  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:06 |
| L53 | 320    | 48 and 51  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:06 |
| L54 | 13     | 53 and 26  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:06 |
| L55 | 21     | 48 and 26  | US-PGPUB; USPAT   | OR | ON  | 2009/06/04 10:10 |
| L56 | 8879   | (ethylene adj ((vinyl adj alcohol) or vinylalcohol)) or ethylenevinylalcohol or evoh | EPO; JPO; DERWENT | OR | ON  | 2009/06/04 10:10 |
| L57 | 2602   | (inorganic with (layered or lamella or lamellar or exfoliated))                      | EPO; JPO; DERWENT | OR | ON  | 2009/06/04 10:10 |
| L58 | 63     | 56 and 57  | EPO; JPO; DERWENT | OR | ON  | 2009/06/04 10:10 |
| L59 | 1      | ("5766751").PN.  | US-PGPUB; USPAT   | OR | OFF | 2009/06/04 10:11 |
| L60 | 1      | ("6821373").PN.  | US-PGPUB; USPAT   | OR | OFF | 2009/06/04 10:16 |
| L61 | 175    | ((high adj pressure) with (dispers\$4 or homogeniz\$)) with (mpa or psi or kpsi)     | EPO; JPO; DERWENT | OR | ON  | 2009/06/04 10:20 |

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|-----|--------|---|----------------------|----|----|---------------------|
| L62 | 3023   | ((high adj pressure) with<br>(dispers\$4 or homogeniz\$)) | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>10:22 |
| L63 | 8      | 56 and 62   | EPO; JPO;<br>DERWENT | OR | ON | 2009/06/04<br>10:23 |
| L64 | 360    | (inorganic with (laminar))                                | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>10:24 |
| L65 | 434424 | barrier   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>10:24 |
| L66 | 94     | 65 and 64   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>10:24 |
| L67 | 6      | 66 and 29   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>10:25 |
| L68 | 6      | 66 and 29   | US-PGPUB;<br>USPAT   | OR | ON | 2009/06/04<br>11:24 |

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